

<sup>3</sup>  
~~19~~. A computing system as in claim <sup>1</sup>~~17~~ wherein the number of files in the second set of files is a function of the characteristics of the client.

SUB 22  
20. A computing system as in claim 25 wherein the server, after transposing the data, saves a copy of the transposed data for future communication with the same client or a client having the same or similar characteristics.

<sup>10</sup>  
21. A computing system as in claim 17 wherein the server transposes HTML files.

<sup>5</sup>  
~~22~~. A computing system as in claim <sup>1</sup>~~17~~ wherein, upon log-in at the server, the client transfers to the server information particular to the hardware or software characteristics of the client, and wherein the server incorporates the information in transposing data for transfer to the client.

<sup>Sub 23</sup>  
23. A server in a client-server system comprising:  
a data port adapted for connecting to a client;  
a facility for accessing data to be transferred to the client; and  
control routines for managing data preparation and transfer to the client:  
wherein the control routines establish hardware or software characteristics of the client and, in response to a download request from the client, prepare and transmit data to the client in a form specifically adapted to the characteristics of the client, and wherein the control routines, in preparing the data for transfer to the client, transpose, without further negotiation with the client, a first set of files into a second set of files fewer in number than the first set of files before transferring the data to the client.

<sup>7</sup>  
~~24~~. A server as in claim <sup>6</sup>~~23~~ wherein the second set of files comprises a single file.

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25. A server as in claim ~~23~~<sup>6</sup> wherein the number of files in the second set of files is a function of the characteristics of the client.

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26. A server as in claim ~~23~~<sup>6</sup> wherein, before transfer of data to a client, the control routines save a copy of transposed data for future communication with the same client or a client having the same or similar characteristics.

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27. A server as in claim ~~23~~<sup>6</sup> wherein the server transposes HTML files.

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28. A server as in claim ~~23~~<sup>6</sup> wherein, upon log-in at the server, the client transfers to the server information particular to the hardware or software characteristics of the client, and wherein the server incorporates the information in transposing data for transfer to the client.

Sub C37  
29. A method for transferring data originally comprising multiple files by a server to a client, comprising steps of:

(a) determining at the server, upon a request to download by a client, specific hardware or software characteristics of the client;

(b) transposing the data, without further negotiation with the client, according to the specific characteristics of the client, including reducing the number of files comprising the data; and

(c) transferring the transposed data to the client over a data link connecting the client to the server.

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30. The method of claim ~~29~~<sup>11</sup> wherein, in step (b), the number of files is reduced to a single file.

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31. The method of claim ~~29~~<sup>11</sup> wherein the number of files in the data transferred to the

client is a function of the specific hardware or software characteristics of the client.

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32. The method of claim 29 further comprising a step for saving a copy of the data sent to the client for future use in communicating with the same client or with a client having the same or similar hardware characteristics.

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33. The method of claim 29 wherein, in step (a), the specific hardware or software characteristics of the client are determined as a part of client log-in at the server.

Respectfully Submitted,

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by

  
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